

## SEQUENCE LISTING |

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<120> A METHOD FOR OBTAINING IMPROVED FERTILITY RESTORER LINES IN MALE STERILE CROP PLANTS FOR HYBRID SEED PRODUCTION AND A DNA CONSTRUCT FOR USE IN SAID METHOD

<130> HSM-DU-AJ |

<160> 18 |

<170> PatentIn version 3.1

<210> 1 |

<211> 273

<212> DNA

<213> *Bacillus amyloliquefaciens*

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 tgtctgacccg gatgggtcga gtacccgcgc gttttggaat ggaggcagtt tgaacaaagc 180  
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<213> *Bacillus amyloliquefaciens*

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Leu His Gln Thr Leu Lys Lys Glu Leu Ala Leu Pro Glu Tyr Tyr Gly  
 20 25 30

Glu Asn Leu Asp Ala Leu Trp Asp Cys Leu Thr Gly Trp Val Glu Tyr  
 35 40 45

Pro Leu Val Leu Glu Trp Arg Gln Phe Glu Gln Ser Lys Gln Leu Thr  
 50 55 60

Glu Asn Gly Ala Glu Ser Val Leu Gln Val Phe Arg Glu Ala Lys Ala |  
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Glu Gly Cys Asp Ile Thr Ile Ile Leu Ser |  
85 90

<210> 3 |

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<213> Artificial sequence

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<223> This sequence was artificially generated from a wild type barstar  
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gaaggatgtg acatcaactat catttttct taa 273

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<213> *Bacillus amyloliquefaciens*

<400> 4

Met Lys Lys Ala Val Ile Asn Gly Glu Gln Ile Arg Ser Ile Ser Asp  
1 5 10 15

Leu His Gln Thr Leu Lys Lys Glu Leu Ala Leu Pro Glu Tyr Tyr Gly  
20 25 30

Glu Asn Leu Asp Ala Leu Trp Asp Cys Leu Thr Gly Trp Val Glu Tyr  
35 40 45

Pro Leu Val Leu Glu Trp Arg Gln Phe Glu Gln Ser Lys Gln Leu Thr  
50 55 60

Glu Asn Gly Ala Glu Ser Val Leu Gln Val Phe Arg Glu Ala Lys Ala  
65 70 75 80

Glu Gly Cys Asp Ile Thr Ile Ile Leu Ser |

85

99 |

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<223> This oligo was synthetically generated |

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<223> This forward primer was synthetically generated

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<210> 10  
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<212> DNA

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24

<210> 18

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&lt;220&gt; |

&lt;223&gt; This reverse primer for the modified barstar gene was synthetically generated

&lt;400&gt; 18

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29